S53520CTW2

EN User Manual

perfekt in form und funktion

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CUSTOMER CARE AND SERVICE

Always use original spare parts.
When contacting our Authorised Service Centre, ensure that you have the following data available: Model, PNC, Serial Number.
The information can be found on the rating plate.

Warning / Caution-Safety information

General information and tips

Environmental information

Subject to change without notice.

1. ⚠ SAFETY INFORMATION

Before the installation and use of the appliance, carefully read the supplied instructions. The manufacturer is not responsible if an incorrect installation and use causes injuries and damages. Always keep the instructions with the appliance for future reference.

1.1 Children and vulnerable people safety

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Do not let children play with the appliance.
- Keep all packaging away from children.
- Cleaning and user maintenance shall not be made by children without supervision.

1.2 General Safety

- This appliance is intended to be used in household and similar applications such as:
  - Farm houses; staff kitchen areas in shops, offices and other working environments
  - By clients in hotels, motels, bed and breakfast and other residential type environments
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

- Do not use water spray and steam to clean the appliance.
- Clean the appliance with a moist soft cloth. Only use neutral detergents. Do not use abrasive products, abrasive cleaning pads, solvents or metal objects.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- If the appliance is equipped with an Ice maker or a water dispenser, fill them with potable water only.
- If the appliance requires a water connection, connect it to potable water supply only.
- The inlet water pressure (minimum and maximum) must be between 1 bar (0,1 MPa) and 10 bar (1 MPa)

2. SAFETY INSTRUCTIONS

2.1 Installation

WARNING!
Only a qualified person must install this appliance.

- Remove all the packaging.
- Do not install or use a damaged appliance.
- Obey the installation instruction supplied with the appliance.
- Always be careful when you move the appliance because it is heavy. Always wear safety gloves.
- Make sure the air can circulate around the appliance.
- Wait at least 4 hours before connecting the appliance to the power supply. This is to allow the oil to flow back in the compressor.
- Do not install the appliance close to radiators or cookers, oven or hobs.
- The rear of the appliance must stand against the wall.
- Do not install the appliance where there is direct sunlight.
- Do not install this appliance in areas that are too humid or too colds, such as the construction appendices, garages or wine cellars.

2.2 Electrical connection

WARNING!
Risk of fire and electrical shock.

- The appliance must be earthed.
- All electrical connections should be made by a qualified electrician.
- Make sure that the electrical information on the rating plate agrees with the power supply. If not contact an electrician.
- Always use a correctly installed shockproof socket.
- Do not use multi-plug adapters and extension cables.
- Make sure not to cause damage to the electrical components (e.g. mains plug, mains cable, compressor). Contact the Service or an electrician to change the electrical components.
- The mains cable must stay below the level of the mains plug.
- Connect the mains plug to the mains socket only at the end of the

installation. Make sure that there is access to the mains plug after the installation.
- Do not pull the mains cable to disconnect the appliance. Always pull the mains plug.

2.3 Use

WARNING!
Risk of injury, burns, electrical shock or fire.

- Do not change the specification of this appliance.
- Do not put electrical appliances (e.g. ice cream makers) in the appliance unless they are stated applicable by the manufacturer.
- Be careful not to cause damage to the refrigerant circuit. It contains isobutane (R600a), a natural gas with a high level of environmental compatibility. This gas is flammable.
- If damage occurs to the refrigerant circuit, make sure that there are no flames and sources of ignition in the room. Ventilate the room.
- Do not let hot items to touch the plastic parts of the appliance.
- Do not put soft drinks in the freezer compartment. This will create pressure on the drink container.
- Do not store flammable gas and liquid in the appliance.
- Do not put flammable products or items that are wet with flammable products in, near or on the appliance.
- Do not touch the compressor or the condenser. They are hot.
- Do not remove or touch items from the freezer compartment if your hands are wet or damp.
- When you remove an ice lolly from the appliance, do not eat it immediately. Wait a few minutes.
- Do not freeze again food that has been thawed.
- Obey the storage instructions on the packaging of frozen food.

2.4 Care and cleaning

WARNING!
Risk of injury or damage to the appliance.

- Before maintenance, deactivate the appliance and disconnect the mains plug from the mains socket.
- This appliance contains hydrocarbons in the cooling unit. Only a qualified person must do the maintenance and the recharging of the unit.
- Regularly examine the drain of the appliance and if necessary, clean it. If the drain is blocked, defrosted water collects in the bottom of the appliance.

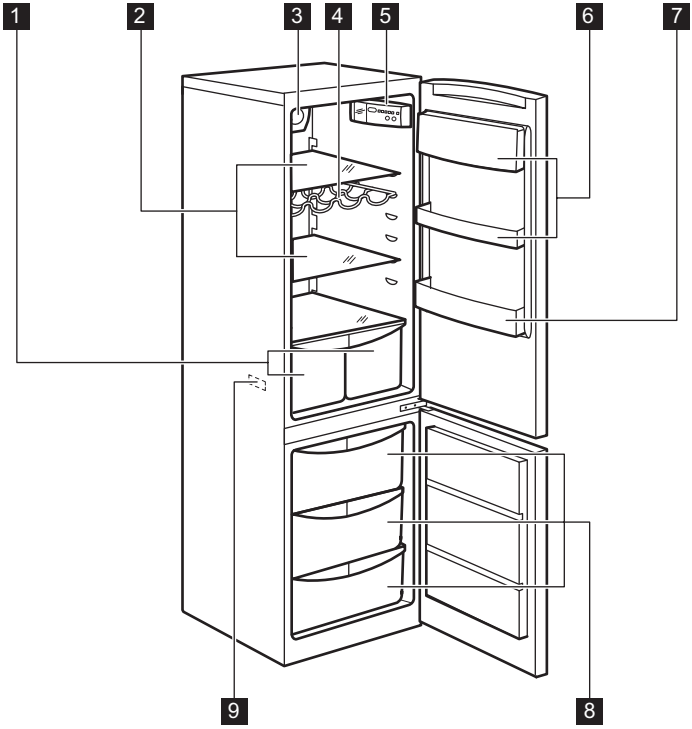
2.5 Disposal

WARNING!
Risk of injury or suffocation.

- Disconnect the appliance from the mains supply.
- Cut off the mains cable and discard it.
- Remove the door to prevent children and pets to be closed inside of the appliance.
- The refrigerant circuit and the insulation materials of this appliance are ozone-friendly.
- The insulation foam contains flammable gas. Contact your municipal authority for information on how to discard the appliance correctly.
- Do not cause damage to the part of the cooling unit that is near the heat exchanger.

3. PRODUCT DESCRIPTION

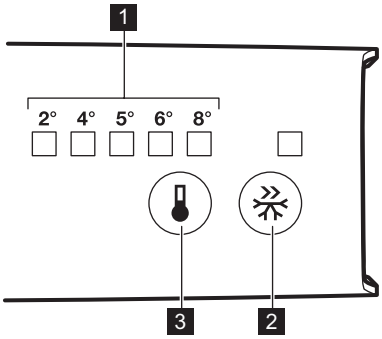
3.1 Product overview



1 Vegetable drawers
2 Cabinet shelves
3 DYNAMICAIR function
4 Bottle rack
5 Control panel
6 Door shelves
7 Bottle shelf
8 Freezer drawers
9 Rating plate

4. OPERATION

4.1 Control panel



1 Temperature indicators LED
2 FROSTMATIC
3 Temperature regulator

4.2 Switching on

Insert the plug into the wall socket.

4.3 FROSTMATIC function

You can activate FROSTMATIC function by pressing the FROSTMATIC button.

The LED corresponding to the symbol FROSTMATIC indicator lights up.

You can deactivate FROSTMATIC function by pressing the FROSTMATIC button again.

The FROSTMATIC indicator will light off.

This function stops automatically after 52 hours.

4.4 Temperature regulation

To operate the appliance, touch the temperature regulator button until the LED corresponding to the required temperature lights up. Selection is progressive, varying from 2 to 8°C.
At first button touch actual setting LED keeps blinking.
Any time the button is touch the set temperature is moved to 1 position .
Corresponding LED will blink for a while.
Touch the setting button until the required temperature is selected. The set will be fixed

Coldest setting: +2°C.
Warmest setting: +8°C. A medium setting is generally the most suitable.

However, the exact setting should be chosen keeping in mind that the temperature inside the appliance depends on:

- room temperature
- how often the door is opened
- quantity of food stored
- appliance location.

5. DAILY USE

5.1 Freezing fresh food

The freezer compartment is suitable for freezing fresh food and storing frozen and deep-frozen food for a long time.

To freeze fresh food activate the FROSTMATIC function at least 24 hours before placing the food to be frozen in the freezer compartment.

Place the fresh food to be frozen in the bottom compartment.

The maximum amount of food that can be frozen in 24 hours is specified on the

rating plate, a label located on the inside of the appliance.

The freezing process lasts 24 hours: during this period do not add other food to be frozen.

When the freezing process is completed, return to the required temperature (see "FROSTMATIC Function").

In this condition, the refrigerator compartment temperature might drop below 0°C. If this occurs reset the temperature regulator to a warmer setting.

5.2 Storage of frozen food

When first starting-up or after a period out of use, before putting the products in the compartment let the appliance run at least 2 hours with the FROSTMATIC function turned on.

If large quantities of food are to be stored, remove all drawers from appliance and place food on glass shelf to obtain the best performance.

In the event of accidental defrosting, for example due to a power failure, if the power has been off for longer that the value shown in the technical data chart under "Rising time", the defrosted food must be consumed quickly or cooked immediately and then re-frozen (after cooling).

5.3 Thawing

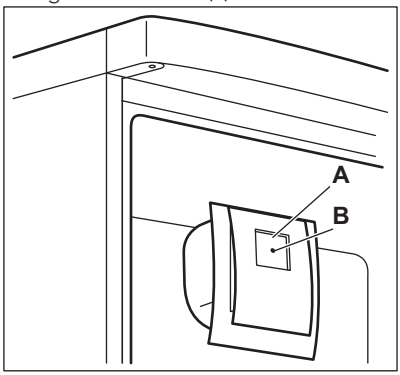
Deep-frozen or frozen food, prior to being used, can be thawed in the refrigerator compartment or at room temperature, depending on the time available for this operation.

Small pieces may even be cooked still frozen, directly from the freezer: in this case, cooking will take longer.

5.4 DYNAMICAIR function

The DYNAMICAIR function let food cool quickly and a more constant temperature in the refrigerator.

To activate the DYNAMICAIR device push the switch (1).
The green indicator (2) comes on.

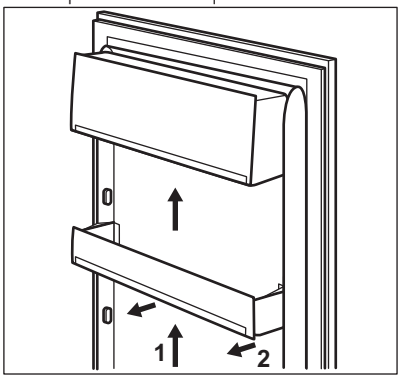


Activate the device when the ambient temperature more than 25°C.

5.5 Positioning the door shelves

To permit storage of food packages of various sizes, the door shelves can be placed at different heights.

1. Gradually pull the shelf in the direction of the arrows until it comes free.
2. Reposition as required.



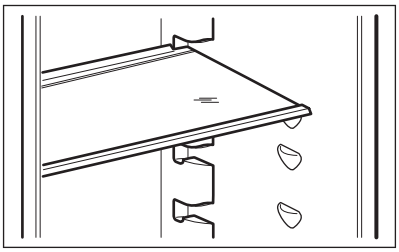
Do not move the lower door shelf to ensure correct air circulation.

5.6 Movable shelves

The walls of the refrigerator are equipped with a series of shelves support so that the shelves can be positioned as desired.

Some shelves must be lifted up by the rear edge to enable them to be removed.

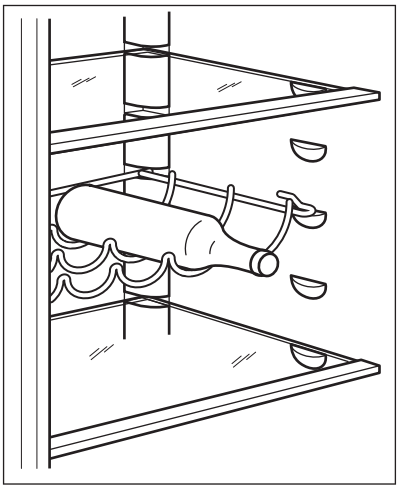
Do not move the glass shelf above the vegetable drawer to ensure correct air circulation.



5.7 Bottle rack

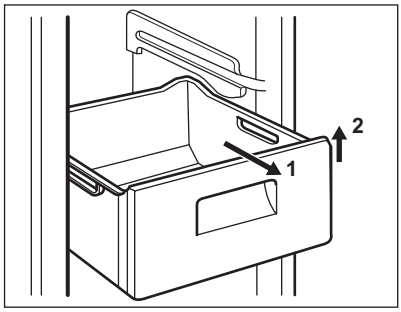
Place the bottles (with the opening facing front) in the pre-positioned shelf.

Place only closed bottles.



5.8 Removal of freezing baskets from the freezer

The freezing baskets have a limit stop to prevent their accidental removal or falling out. At the time of its removal from the freezer, pull the basket towards yourself and, upon reaching the end point, remove the basket by tilting its front upwards.



At the time of putting it back, slightly lift the front of the basket to insert it into the freezer. Once you are over the end points, push the baskets back in their position.

6. HINTS AND TIPS

6.1 Normal operating sounds

The following sounds are normal during operation:

- A faint gurgling and bubbling sound from coils sound when refrigerant is pumped.
- A whirring and pulsating sound from the compressor when refrigerant is pumped.
- A sudden cracking noise from inside appliance caused by thermic dilatation (a natural and not dangerous physical phenomenon).
- A faint click noise from the temperature regulator when the compressor switches on or off.

6.2 Hints for energy saving

- Do not open the door frequently or leave it open longer than absolutely necessary.
- If the ambient temperature is high and the Temperature Regulator is set to low temperature and the appliance is fully loaded, the compressor may run continuously, causing frost or ice on the evaporator. If this happens, set the Temperature Regulator toward warmer settings to allow automatic defrosting and so a saving in electricity consumption.
- If foreseen, do not remove the cold accumulators from the freezer basket.

6.3 Hints for fresh food refrigeration

To obtain the best performance:

- do not store warm food or evaporating liquids in the refrigerator
- do cover or wrap the food, particularly if it has a strong flavour
- position food so that air can circulate freely around it

6.4 Hints for refrigeration

Useful hints:

- Meat (all types) : wrap in polythene bags and place on the glass shelf above the vegetable drawer.
- For safety, store in this way only one or two days at the most.
- Cooked foods, cold dishes, etc..: these should be covered and may be placed on any shelf.
- Fruit and vegetables: these should be thoroughly cleaned and placed in the special drawer(s) provided.
- Butter and cheese: these should be placed in special airtight containers or wrapped in aluminium foil or polythene bags to exclude as much air as possible.
- Bottles: these need a cap and should be stored either on the bottle rack or the door bottle shelf.
- Bananas, potatoes, onions and garlic, if not packed, must not be kept in the refrigerator.

6.5 Hints for freezing

To help you make the most of the freezing process, here are some important hints:

- the maximum quantity of food which can be frozen in 24 hrs. is shown on the rating plate;
- the freezing process takes 24 hours. No further food to be frozen should be added during this period;
- only freeze top quality, fresh and thoroughly cleaned, foodstuffs;
- prepare food in small portions to enable it to be rapidly and completely frozen and to make it possible subsequently to thaw only the quantity required;
- wrap up the food in aluminium foil or polythene and make sure that the packages are airtight;
- do not allow fresh, unfrozen food to touch food which is already frozen, thus avoiding a rise in temperature of the latter;
- lean foods store better and longer than fatty ones; salt reduces the storage life of food;
- water ices, if consumed immediately after removal from the freezer compartment, can possibly cause the skin to be freeze burnt;

- it is advisable to show the freezing in date on each individual pack to enable you to keep tab of the storage time.

6.6 Hints for storage of frozen food

To obtain the best performance from this appliance, you should:

- make sure that the commercially frozen foodstuffs were adequately stored by the retailer;
- be sure that frozen foodstuffs are transferred from the foodstore to the freezer in the shortest possible time;
- not open the door frequently or leave it open longer than absolutely necessary;
- once defrosted, food deteriorates rapidly and cannot be refrozen;
- do not exceed the storage period indicated by the food manufacturer.

7. CARE AND CLEANING

WARNING!
Refer to Safety chapters.

7.1 General warnings

CAUTION!
Unplug the appliance before carrying out any maintenance operation.

This appliance contains hydrocarbons in its cooling unit; maintenance and recharging must therefore only be carried out by authorized technicians.

The accessories and parts of the appliance are not suitable for washing in a dishwasher.

7.2 Initial power on

CAUTION!
Before inserting the power plug in to the outlet and switching on the cabinet for the first time, leave the appliance standing upright for at least 4 hours. This will assure a sufficient amount of time for the oil to return to the compressor. Otherwise the compressor or electronic components may sustain damage.

7.3 Cleaning the interior

Before using the appliance for the first time, the interior and all internal accessories should be washed with lukewarm water and some neutral soap to remove the typical smell of a brand-new product, then dried thoroughly.

CAUTION!
Do not use detergents or abrasive powders, as these will damage the finish.

7.4 Periodic cleaning

CAUTION!
Do not pull, move or damage any pipes and/or cables inside the cabinet.

CAUTION!
Take care of not to damage the cooling system. When moving the cabinet, lift it by the front edge to avoid scratching the floor.

The equipment has to be cleaned regularly:

1. Clean the inside and accessories with lukewarm water and some neutral soap.
2. Regularly check the door seals and wipe clean to ensure they are clean and free from debris.
3. Rinse and dry thoroughly.

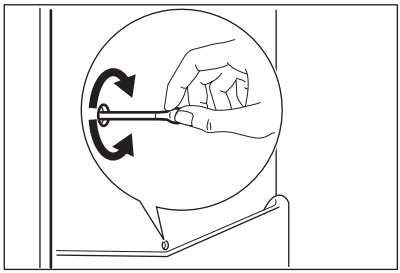
4. If accessible, clean the condenser and the compressor at the back of the appliance with a brush.

This operation will improve the performance of the appliance and save electricity consumption.

7.5 Defrosting of the refrigerator

Frost is automatically eliminated from the evaporator of the refrigerator compartment every time the motor compressor stops, during normal use. The defrost water drains out through a trough into a special container at the back of the appliance, over the motor compressor, where it evaporates.

It is important to periodically clean the defrost water drain hole in the middle of the refrigerator compartment channel to prevent the water overflowing and dripping onto the food inside.



7.6 Defrosting the freezer

The freezer compartment is frost free. This means that there is no build up of frost when it is in operation, neither on the internal walls nor on the foods.

The absence of frost is due to the continuous circulation of cold air inside the compartment, driven by an automatically controlled fan.

7.7 Periods of non-operation

When the appliance is not in use for long periods, take the following precautions:

1. Disconnect the appliance from electricity supply.
2. Remove all food.
3. Clean the appliance and all accessories.
4. Leave the door/doors open to prevent unpleasant smells.

WARNING!
If the cabinet will be kept on, ask somebody to check it once in a while to prevent the food inside from spoiling in case of a power failure.

8. TROUBLESHOOTING

WARNING!
Refer to Safety chapters.

8.1 What to do if...

Problem	Possible cause	Solution
The appliance does not operate.	The appliance is switched off.	Switch on the appliance.
	The mains plug is not connected to the mains socket correctly.	Connect the mains plug to the mains socket correctly.

Problem	Possible cause	Solution
	There is no voltage in the mains socket.	Connect a different electrical appliance to the mains socket. Contact a qualified electrician.
The appliance is noisy.	The appliance is not supported properly.	Check if the appliance stands stable.
The lamp does not work.	The lamp is in stand-by.	Close and open the door.
The lamp does not work.	The lamp is defective.	Contact the nearest Authorized Service Centre.
The compressor operates continually.	Temperature is set incorrectly.	Refer to "Operation" chapter.
	Many food products to be frozen were put in at the same time.	Wait some hours and then check the temperature again.
	The room temperature is too high.	Refer to climate class chart on the rating plate.
	Food products placed in the appliance were too warm.	Allow food products to cool to room temperature before storing.
	The door is not closed correctly.	Refer to "Closing the door".
	The FROSTMATIC function is switched on.	Refer to "FROSTMATIC function".
The compressor does not start immediately after pressing the FROSTMATIC, or after changing the temperature.	This is normal, no error has occurred.	The compressor starts after a period of time.
Water flows on the rear plate of the refrigerator.	During the automatic defrosting process, frost melts on the rear plate.	This is correct.
Water flows into the refrigerator.	The water outlet is clogged.	Clean the water outlet.
	Food products prevent that water flows into the water collector.	Make sure that food products do not touch the rear plate.
Water flows on the floor.	The melting water outlet is not connected to the evaporative tray above the compressor.	Attach the melting water outlet to the evaporative tray.

Problem	Possible cause	Solution
Temperature cannot be set.	The FROSTMATIC or COOLMATIC function is switched on.	Switch off FROSTMATIC or COOLMATIC manually, or wait until the function resets automatically to set the temperature. Refer to "FROSTMATIC or COOLMATIC function".
Door is misaligned or interferes with ventilation grill.	The appliance is not levelled.	Refer to "Levelling".
The temperature in the appliance is too low/too high.	The temperature regulator is not set correctly.	Set a higher/lower temperature.
	The door is not closed correctly.	Refer to "Closing the door".
	The food products' temperature is too high.	Let the food products temperature decrease to room temperature before storage.
	Many food products are stored at the same time.	Store less food products at the same time.
	The door has been opened often.	Open the door only if necessary.
	The FROSTMATIC function is switched on.	Refer to "FROSTMATIC function".
	There is no cold air circulation in the appliance.	Make sure that there is cold air circulation in the appliance.

8.2 Closing the door

1. Clean the door gaskets.
2. If necessary, adjust the door. Refer to "Installation".
3. If necessary, replace the defective door gaskets. Contact the Service Center.

8.3 Replacing the lamp

The appliance is equipped with a longlife LED interior light.

Only service is allowed to replace the lighting device. Contact your Service Center .

9. INSTALLATION

WARNING!
Refer to Safety chapters.

9.1 Positioning

This appliance can be installed in a dry, well ventilated indoor where the ambient temperature corresponds to the climate class indicated on the rating plate of the appliance:

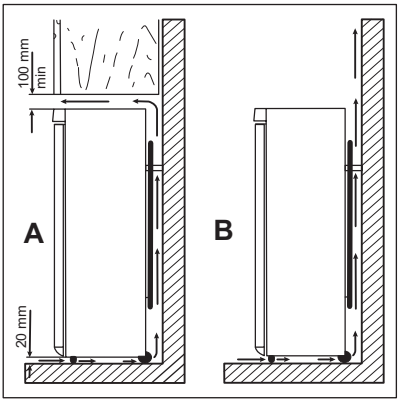
Climate class	Ambient temperature
SN	+10°C to + 32°C

Climate class	Ambient temperature
N	+16°C to + 32°C
ST	+16°C to + 38°C
T	+16°C to + 43°C

Some functional problems might occur for some types of models when operating outside of that range. The correct operation can only be guaranteed within the specified temperature range. If you have any doubts regarding where to install the appliance, please turn to the vendor, to our customer service or to the nearest Service Centre

9.2 Location

The appliance should be installed well away from sources of heat such as radiators, boilers, direct sunlight etc. Ensure that air can circulate freely around the back of the cabinet. To ensure best performance, if the appliance is positioned below an overhanging wall unit, the minimum distance between the top of the cabinet and the wall unit must be at least 100 mm . Ideally, however, the appliance should not be positioned below overhanging wall units. Accurate levelling is ensured by one or more adjustable feet at the base of the cabinet.

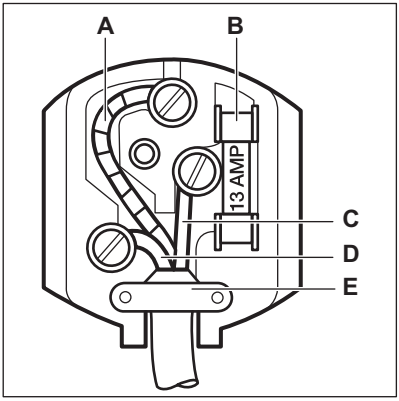


9.3 Electrical Connection

CAUTION!
Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

WARNING!
This appliance must be earthed. The manufacturer declines any liability should these safety measures not be observed.

The wires in the mains lead are coloured in accordance with the following code:



- **A** - green and yellow: Earth
- **C** - brown: Live
- **D** - blue: Neutral

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

1. Connect the wire coloured green and yellow to the terminal marked either with the letter "E" or by the earth symbol ⏚ or coloured green and yellow.
2. Connect the wire coloured blue to the terminal either marked with the letter "N" or coloured black.
3. Connect the wire coloured brown to the terminal either marked with the "L" or coloured red.
4. Check that no cut, or stray strands of wire is present and the cord clamp (**E**) is secure over the outer sheath.

Make sure the electricity supply voltage is the same as that indicated on the appliance rating plate.

5. Switch on the appliance.

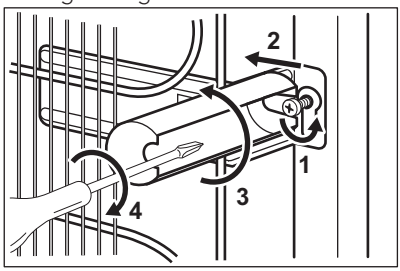
The appliance is supplied with a 13 amp fuse (**B**). In the event of having to change the fuse in the plug supplied, a 13 amp ASTA approved (BS 1362) fuse must be used.

WARNING!
A cut off plug inserted into a 13 amp socket is a serious safety (shock) hazard. Ensure that it is disposed of safely.

9.4 Rear spacers

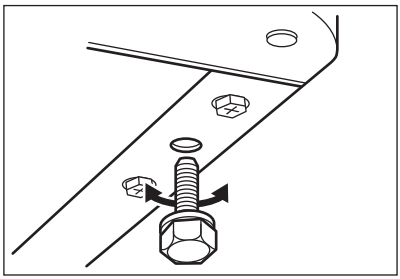
You can find the two spacers in the bag with documentation.

1. Release the screw.
2. Engage the spacer below the screw.
3. Turn the spacer to the right position.
4. Tighten again the screws.



9.5 Levelling

When placing the appliance ensure that it stands level. This can be achieved by two adjustable feet at the bottom in front.

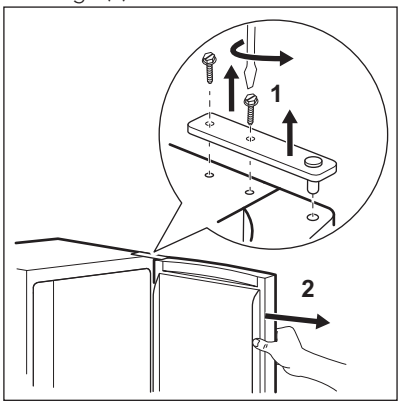


9.6 Door reversibility

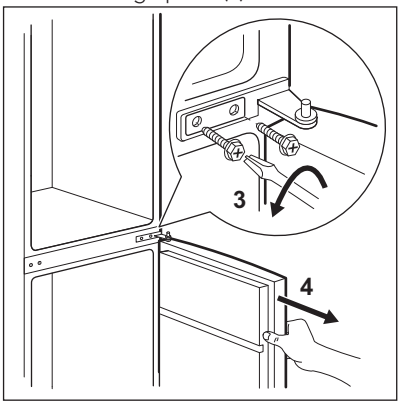
WARNING!
Before carrying out any operations, remove the plug from the power socket.

CAUTION!
To carry out the following operations, we suggest that this be made with another person that will keep a firm hold on the doors of the appliance during the operations.

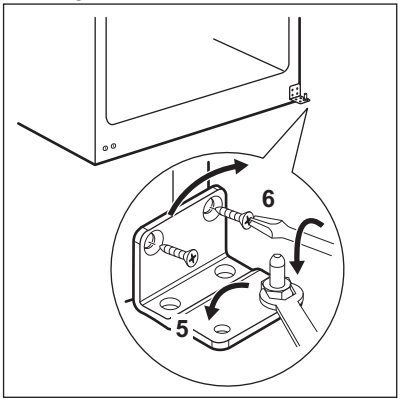
1. Open the door and empty the shelves.
2. Unscrew the screws of the upper hinge (1).



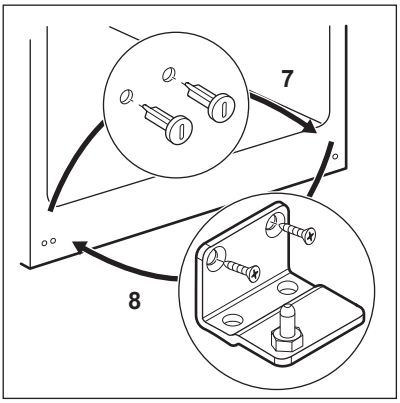
3. Remove the door from the middle hinge pivot (2).
4. Place the cover of the upper hinge into the holes on the opposite side.
5. Screw off the screws of the middle hinge (3).
6. Remove the plugs on the upper side of both doors and move them to the other side.
7. Remove the lower door from the lower hinge pivot (4).



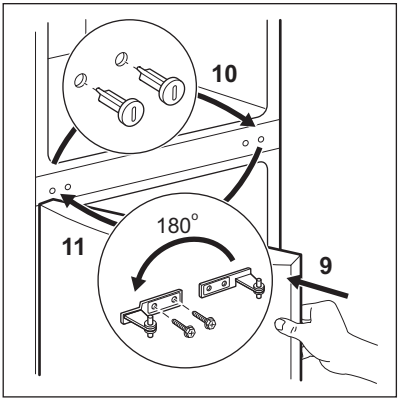
8. Screw off the pivot of the lower hinge (5) and screw the lower hinge pivot (6) into the left drill of the lower hinge.



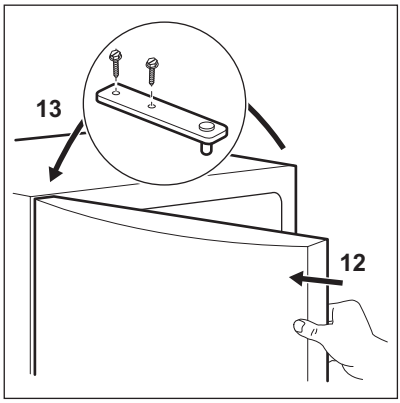
9. Screw off the screws of the lower hinge and remove the hinge (8).
10. Screw off the lower cover plugs and screw them into the hole on the opposite side (7).
11. Put the lower hinge on the opposite side and fix it with the screws (8).



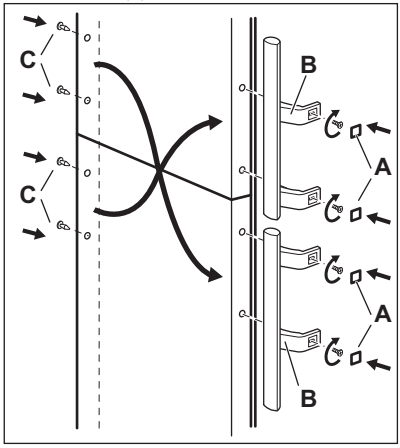
12. Place the lower door on the lower hinge pivot (9).
13. Screw off the middle cover plugs and screw them into the hole on the opposite side (10).
14. Put the middle hinge on the opposite side and fix it with the screws (11).



15. Place the upper door on the middle hinge pivot (12).
16. Fix the door with upper hinge and fix it with screws of it (13).



17. Attach the door handles and plugs on the opposite side.



Do a final check to make sure that:

- All screws are tightened.
- The magnetic seal adheres to the cabinet.
- The door opens and closes correctly.

If the ambient temperature is cold (i.e. in Winter), the gasket may not fit perfectly to the cabinet. In that case, wait for the natural fitting of the gasket. In case you do not want to carry out the above mentioned operations, contact the nearest After Sales Service Force. The After Sales Service specialist will carry out the reversibility of the doors at your cost.

10. TECHNICAL INFORMATION

10.1 Technical data

Height	mm	1845
Width	mm	595
Depth	mm	642
Rising time	Hours	18
Voltage	Volts	230-240
Frequency	Hz	50

The technical information are situated in the rating plate, on the external or internal side of the appliance and in the energy label.

11. ENVIRONMENTAL CONCERNS

Recycle the materials with the symbol ♺. Put the packaging in applicable containers to recycle it. Help protect the environment and human health and to recycle waste of electrical and electronic appliances. Do not dispose appliances marked with the symbol with the household waste. Return the product to your local recycling facility or contact your municipal office.

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